

Niamey, Niger, Primary Variables					
Quantity	Variable	Unit	Measurement Level	Measurement Interval	Resolution
Atmospheric pressure	atmos_pressure	hPa	1 m	1 min	0.1
Temperature mean	temp_mean	C	1.25 m	1 min	0.1
Relative humidity mean	relh_mean	%	1.25 m	1 min	0.1
Vapor pressure mean	vapress_mean	kPa	1.25 m	1 min	0.1
Precipitation rate mean	precip_rate_mean	mm/nr	1 m	1 min	0.01
Wind speed arithmetic average	wind_spd_arith_avg	m/s	3 m	1 min	0.1
Wind speed vector average	wind_spd_vec_avg	m/s	3 m	1 min	0.1
Wind direction vector average	wind_dir_vec_avg	deg	3 m	1 min	1
Wind direction standard deviation	wind_dir_sd	deg	3 m	1 min	0.1
Precipitation rate maximum	precip_rate_max	mm/hr	1m	1 min	0.1
Wind speed arithmetic maximum	wind_spd_arith_max	m/s	3m	1 min	0.1
Precipitation rate minimum	precip_rate_min	mm/hr	1m	1 min	0.1
Wind speed arithmetic minimum	wind_spd_arith_min	m/s	3m	1 min	0.1
Average 1-min visibility	pwd_avg_vis_1_min	m	2.5m	1 min	1
Average 10-min visibility	pwd_avg_vis_10_min	m	2.5m	1 min	1
Instantaneous present weather code	pwd_pw_code_inst	N/A	2.5m	1 min	1
15-minute present weather code	pwd_pw_code_15_min	N/A	2.5m	1 min	1
1-hour present weather code	pwd_pw_code_1_hr	N/A	2.5m	1 min	1
1-minute average water intensity	pwd_avg_h2o_int_1_min	mm/hr	2.5m	1 min	0.01
Cumulative water	pwd_cumul_water	mm	2.5m	1 min	0.01
Cumulative snow	pwd_cumul_snow	mm	2.5m	1 min	1